HYDROFLUOROETHERS HAVING AT LEAST ONE HYDROGENATED -OCFX'CH₃ END GROUP WHEREIN X'=F, CF₃ AND THEIR PREPARATION PROCESS

ABSTRACT

Hydrofluoroethers of formula:

$$T-CFX'-O-R_f-CFX-T'$$
 (II)

wherein:

 $T = CH_3;$

X, X', equal to or different from each other, are selected between F, CF_3 ;

T00' = F, Cl, H, C_1 - C_3 perfluoroalkyl, CH_3 , CH_2OH , COCl, CHO, CO_2H ;

 $R_{\rm f}$ is a perfluoroalkylene or a perfluoropolyoxyalkylene and respective preparation process by reduction with hydrogen in the presence of a platinum catalyst supported on metal fluorides of the corresponding compounds with at least one -COCl end group.